

## EAST Search History

| Ref # | Hits   | Search Query  | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|--------|---|------------------------|------------------|---------|------------------|
| L1    | 1      | ("3702237").PN.   | US-PGPUB; USPAT        | OR               | OFF     | 2006/03/21 11:21 |
| L2    | 1      | ("4019869").PN.   | US-PGPUB; USPAT        | OR               | OFF     | 2006/03/21 10:49 |
| L3    | 6      | ("2543743"   "3102787"   "3175019").PN.   | US-PGPUB; USPAT; USOCR | OR               | ON      | 2006/03/21 10:49 |
| L4    | 18     | ("4019869").URPN.   | USPAT                  | OR               | ON      | 2006/03/21 10:51 |
| L5    | 22     | ("2176806"   "2729591"   "2882224"   "2988500"   "3413215"   "3445380"   "3547354"   "3574093"   "3923645"   "4019869"   "4081354"   "4142964"   "4248694"   "4392947").PN. | US-PGPUB; USPAT; USOCR | OR               | ON      | 2006/03/21 10:57 |
| L6    | 8      | ("4481106").URPN.   | USPAT                  | OR               | ON      | 2006/03/21 11:10 |
| L7    | 697    | (210/532.1).CCLS.   | US-PGPUB; USPAT        | OR               | OFF     | 2006/03/21 11:16 |
| L8    | 183773 | catalyst and (caustic or alkaline or hydroxide)   | US-PGPUB; USPAT        | OR               | ON      | 2006/03/21 11:13 |
| L9    | 1      | 7 and 8   | US-PGPUB; USPAT        | OR               | ON      | 2006/03/21 11:12 |
| L10   | 17914  | catalyst and sweeten\$3   | US-PGPUB; USPAT        | OR               | ON      | 2006/03/21 11:16 |
| L11   | 0      | 7 and 10  | US-PGPUB; USPAT        | OR               | ON      | 2006/03/21 11:14 |
| L12   | 364    | (210/513).CCLS.   | US-PGPUB; USPAT        | OR               | OFF     | 2006/03/21 11:16 |
| L13   | 0      | 10 and 12   | US-PGPUB; USPAT        | OR               | ON      | 2006/03/21 11:14 |
| L14   | 294    | (210/538).CCLS.   | US-PGPUB; USPAT        | OR               | OFF     | 2006/03/21 11:15 |
| L15   | 1      | 10 and 14   | US-PGPUB; USPAT        | OR               | ON      | 2006/03/21 11:15 |
| L16   | 167    | (210/538).CCLS.   | USOCR                  | OR               | OFF     | 2006/03/21 11:15 |
| L17   | 1150   | catalyst and sweeten\$3   | USOCR                  | OR               | ON      | 2006/03/21 11:16 |
| L18   | 0      | 16 and 17   | USOCR                  | OR               | ON      | 2006/03/21 11:16 |
| L19   | 162    | (210/513).CCLS.   | USOCR                  | OR               | OFF     | 2006/03/21 11:16 |
| L20   | 0      | 17 and 19   | USOCR                  | OR               | ON      | 2006/03/21 11:16 |
| L21   | 314    | (210/532.1).CCLS.   | USOCR                  | OR               | OFF     | 2006/03/21 11:16 |
| L22   | 0      | 17 and 21   | USOCR                  | OR               | ON      | 2006/03/21 11:16 |

## EAST Search History

|     |     |   |                    |    |    |                  |
|-----|-----|---|--------------------|----|----|------------------|
| L23 | 206 | reactor with separator with combination | US-PGPUB;<br>USPAT | OR | ON | 2006/03/21 11:21 |
|-----|-----|---|--------------------|----|----|------------------|